

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/542, 735A
Source: JFWP
Date Processed by STIC: 07/31/2006

ENTERED



IFWP

RAW SEQUENCE LISTING

DATE: 07/31/2006

PATENT APPLICATION: US/10/542,735A

TIME: 14:28:16

Input Set : E:\LNK-002 (10-542,735) Revised Sequence Listing.txt

Output Set: N:\CRF4\07312006\J542735A.raw

```

3 <110> APPLICANT: Biomay Produktions-und Handles-Aktiengesellschaft
4     Mothes, Nadine
5     Focke, Margit
6     Linhart, Birgit
7     Krauth, Maria-Theresa
8     Valent, Peter
9     Kraft, Dietrich
10    Valent, Rudolf
11    Stummvoll, Sabine
13 <120> TITLE OF INVENTION: Process for the Preparation of Hypoallergenic Mosaic
Antigens
15 <130> FILE REFERENCE: LNK-002
C--> 17 <140> CURRENT APPLICATION NUMBER: US/10/542,735A
18 <141> CURRENT FILING DATE: 2005-07-20
20 <150> PRIOR APPLICATION NUMBER: PCT/EP03/14507
21 <151> PRIOR FILING DATE: 2003-12-18
23 <160> NUMBER OF SEQ ID NOS: 12
25 <170> SOFTWARE: PatentIn version 3.3
27 <210> SEQ ID NO: 1
28 <211> LENGTH: 103
29 <212> TYPE: PRT
30 <213> ORGANISM: artificial sequence
32 <220> FEATURE:
33 <223> OTHER INFORMATION: synthetic peptide
35 <400> SEQUENCE: 1
37 Met Val Pro Lys Val Thr Phe Thr Val Glu Lys Gly Ser Asn Glu Lys
38 1             5             10             15
41 His Leu Ala Val Leu Val Lys Tyr Glu Gly Asp Thr Met Ala Glu Val
42             20             25             30
45 Glu Leu Phe Arg Phe Leu Thr Glu Lys Gly Met Lys Asn Val Phe Asp
46             35             40             45
49 Asp Val Val Pro Glu Lys Tyr Thr Ile Gly Ala Thr Tyr Ala Pro Glu
50             50             55             60
53 Glu Arg Glu His Gly Ser Asp Glu Trp Val Ala Met Thr Lys Gly Glu
54 65             70             75             80
57 Gly Gly Val Trp Thr Phe Asp Ser Glu Glu Pro Leu Gln Gly Pro Phe
58             85             90             95
61 Asn His His His His His His
62             100
65 <210> SEQ ID NO: 2
66 <211> LENGTH: 309
67 <212> TYPE: DNA
68 <213> ORGANISM: artificial sequence
70 <220> FEATURE:

```

RAW SEQUENCE LISTING

DATE: 07/31/2006

PATENT APPLICATION: US/10/542,735A

TIME: 14:28:16

Input Set : E:\LNK-002 (10-542,735) Revised Sequence Listing.txt

Output Set: N:\CRF4\07312006\J542735A.raw

71 <223> OTHER INFORMATION: synthetic cDNA

73 <400> SEQUENCE: 2

```

74 atggtcccga aggtgacgtt cacggtggag aaggggtcca acgagaagca cctggcggtg      60
76 ctggtgaagt acgaggggga caccatggcg gaggtggagc tcttccggtt cctcaccgag    120
78 aagggcatga agaacgtctt cgacgacgtc gtcccagaga agtacaccat tggggccacc    180
80 tacgcgccag aagagcggga gcacggctcc gacgagtggg tcgccatgac caagggggag    240
82 ggcggcgtgt ggacgttcga cagcgaggag ccgctccagg ggcccttcaa ccaccaccac    300
84 caccaccac                                     309

```

87 <210> SEQ ID NO: 3

88 <211> LENGTH: 34

89 <212> TYPE: PRT

90 <213> ORGANISM: artificial sequence

92 <220> FEATURE:

93 <223> OTHER INFORMATION: synthetic peptide

95 <400> SEQUENCE: 3

```

97 Val Pro Lys Val Thr Phe Thr Val Glu Lys Gly Ser Asn Glu Lys His
98 1           5           10           15
101 Leu Ala Val Leu Val Lys Tyr Glu Gly Asp Thr Met Ala Glu Val Glu
102           20           25           30

```

105 Leu Cys

109 <210> SEQ ID NO: 4

110 <211> LENGTH: 33

111 <212> TYPE: PRT

112 <213> ORGANISM: artificial sequence

114 <220> FEATURE:

115 <223> OTHER INFORMATION: synthetic peptide

117 <400> SEQUENCE: 4

```

119 Arg Glu His Gly Ser Asp Glu Trp Val Ala Met Thr Lys Gly Glu Gly
120 1           5           10           15
123 Gly Val Trp Thr Phe Asp Ser Glu Glu Pro Leu Gln Gly Pro Phe Asn
124           20           25           30

```

127 Cys

131 <210> SEQ ID NO: 5

132 <211> LENGTH: 32

133 <212> TYPE: PRT

134 <213> ORGANISM: artificial sequence

136 <220> FEATURE:

137 <223> OTHER INFORMATION: synthetic peptide

139 <400> SEQUENCE: 5

```

141 Cys Phe Arg Phe Leu Thr Glu Lys Gly Met Lys Asn Val Phe Asp Asp
142 1           5           10           15
145 Val Val Pro Glu Lys Tyr Thr Ile Gly Ala Thr Tyr Ala Pro Glu Glu
146           20           25           30

```

149 <210> SEQ ID NO: 6

150 <211> LENGTH: 34

151 <212> TYPE: DNA

152 <213> ORGANISM: artificial sequence

154 <220> FEATURE:

155 <223> OTHER INFORMATION: primer

RAW SEQUENCE LISTING

DATE: 07/31/2006

PATENT APPLICATION: US/10/542,735A

TIME: 14:28:16

Input Set : E:\LNK-002 (10-542,735) Revised Sequence Listing.txt

Output Set: N:\CRF4\07312006\J542735A.raw

```

157 <400> SEQUENCE: 6
158 ggatttccat atggtcccga aggtgacgtt cacg 34
161 <210> SEQ ID NO: 7
162 <211> LENGTH: 36
163 <212> TYPE: DNA
164 <213> ORGANISM: artificial sequence
166 <220> FEATURE:
167 <223> OTHER INFORMATION: primer
169 <400> SEQUENCE: 7
170 ggtgaggaac cggaagagct ccacctccgc catggt 36
173 <210> SEQ ID NO: 8
174 <211> LENGTH: 36
175 <212> TYPE: DNA
176 <213> ORGANISM: artificial sequence
178 <220> FEATURE:
179 <223> OTHER INFORMATION: primer
181 <400> SEQUENCE: 8
182 gcggaggtgg agctcttccg gttcctcacc gagaag 36
185 <210> SEQ ID NO: 9
186 <211> LENGTH: 36
187 <212> TYPE: DNA
188 <213> ORGANISM: artificial sequence
190 <220> FEATURE:
191 <223> OTHER INFORMATION: primer
193 <400> SEQUENCE: 9
194 ggagccgtgc tcccgtcttt ctggcgcgta ggtggc 36
197 <210> SEQ ID NO: 10
198 <211> LENGTH: 36
199 <212> TYPE: DNA
200 <213> ORGANISM: artificial sequence
202 <220> FEATURE:
203 <223> OTHER INFORMATION: primer
205 <400> SEQUENCE: 10
206 tacgcgccag aagagcggga gcacggctcc gacgag 36
209 <210> SEQ ID NO: 11
210 <211> LENGTH: 51
211 <212> TYPE: DNA
212 <213> ORGANISM: artificial sequence
214 <220> FEATURE:
215 <223> OTHER INFORMATION: primer
217 <400> SEQUENCE: 11
218 cgcaattct cagtgggtggt ggtgggtggtg gttgaagggc ccctggagcg g 51
221 <210> SEQ ID NO: 12
222 <211> LENGTH: 51
223 <212> TYPE: DNA
224 <213> ORGANISM: artificial sequence
226 <220> FEATURE:
227 <223> OTHER INFORMATION: primer
229 <400> SEQUENCE: 12

```

RAW SEQUENCE LISTING

DATE: 07/31/2006

PATENT APPLICATION: US/10/542,735A

TIME: 14:28:17

Input Set : E:\LNK-002 (10-542,735) Revised Sequence Listing.txt

Output Set: N:\CRF4\07312006\J542735A.raw

230 cgcgaattct cagtgggtgt ggtgggtgtg ctcttctggc gcgtaggtgg c

51

VERIFICATION SUMMARY

DATE: 07/31/2006

PATENT APPLICATION: US/10/542,735A

TIME: 14:28:18

Input Set : E:\LNK-002 (10-542,735) Revised Sequence Listing.txt

Output Set: N:\CRF4\07312006\J542735A.raw

L:17 M:270 C: Current Application Number differs, Replaced Current Application Number